

CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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SECURITY INFORMATION

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COUNTRY	Hungary	REPORT	
SUBJECT	Prefabricated Air Raid Shelters	DATE DISTR.	5 August 1953
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THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.
THE APPRAISAL OF CONTENT IS TENTATIVE.
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1. The Building Components Factory (Épületelem gyár) in Budapest-Albertfalva has begun the mass production of prefabricated units for air raid shelters, referred to as "Blokks."
2. Each "Blokks" is a basic unit with sitting accommodation for 30 persons. Several units can be put together and thus provide accommodation for 60, 90 or more persons in a specified place at comparatively short notice.
3. The "Blokks" is cube-shaped and has a domed roof. Each wall consists of three reinforced concrete plates, 30 cm. thick, with three reinforced concrete supports. The domed roof, of solid reinforced concrete, is about 30 cm. thick at the edges and about 60 cm. in the center. When several units are assembled to form one large shelter, the roof is vaulted. There are two ways of setting up these shelters, as follows:
 - a. Sunk into the ground: The shelter is sunk about 1.5 m. into the ground and the roof is covered with about two meters of sand and stones to afford protection. The sides are banked up with the same materials and leveled off into the shape of a pyramid (see Fig. 3). The entrance consists of a reinforced concrete ring, which is separate from the rest of the unit.
 - b. Ground level: This type, with the domed roof, is set up as shown in Fig. 1. The whole shelter, which is covered with sand and stones, is then camouflaged with turf.
4. It was learned, that these prefabricated shelters are to be set up in the Budapest area, at the Petöfi Signals Barracks, in Budaörs Utca, and in the northeast corner of Budaörs Airfield, near the road.

25 YEAR RE-REVIEW

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Annex: Sketches of Prefabricated Air Raid Shelters (three pages),
with legends.

Legend to Figures No. 1 and 2

1. Reinforced concrete supports.
2. Walls of reinforced concrete plates.
3. Roof, consisting of three reinforced concrete sections.
4. Sitting accommodation
5. Protective layers of sand and stone (camouflaged)
6. Highest point of the roof with protective layer of 0.5 - 1.00 m.
7. Entrance to the shelter.

Legend to Figure No. 3

1. Reinforced concrete support.
2. Wall of reinforced concrete plates.
- 3a. Domed roof of reinforced concrete, about 30 cm. thick.
4. Sitting accommodation.
5. Protective layers of sand and stone (camouflaged)
- 6a. Highest point of roof, with protective layer about 2.00 m. thick.
7. Entrance and exit.
8. Steps.
9. Reinforced concrete section (transverse section) for entrance and exit.

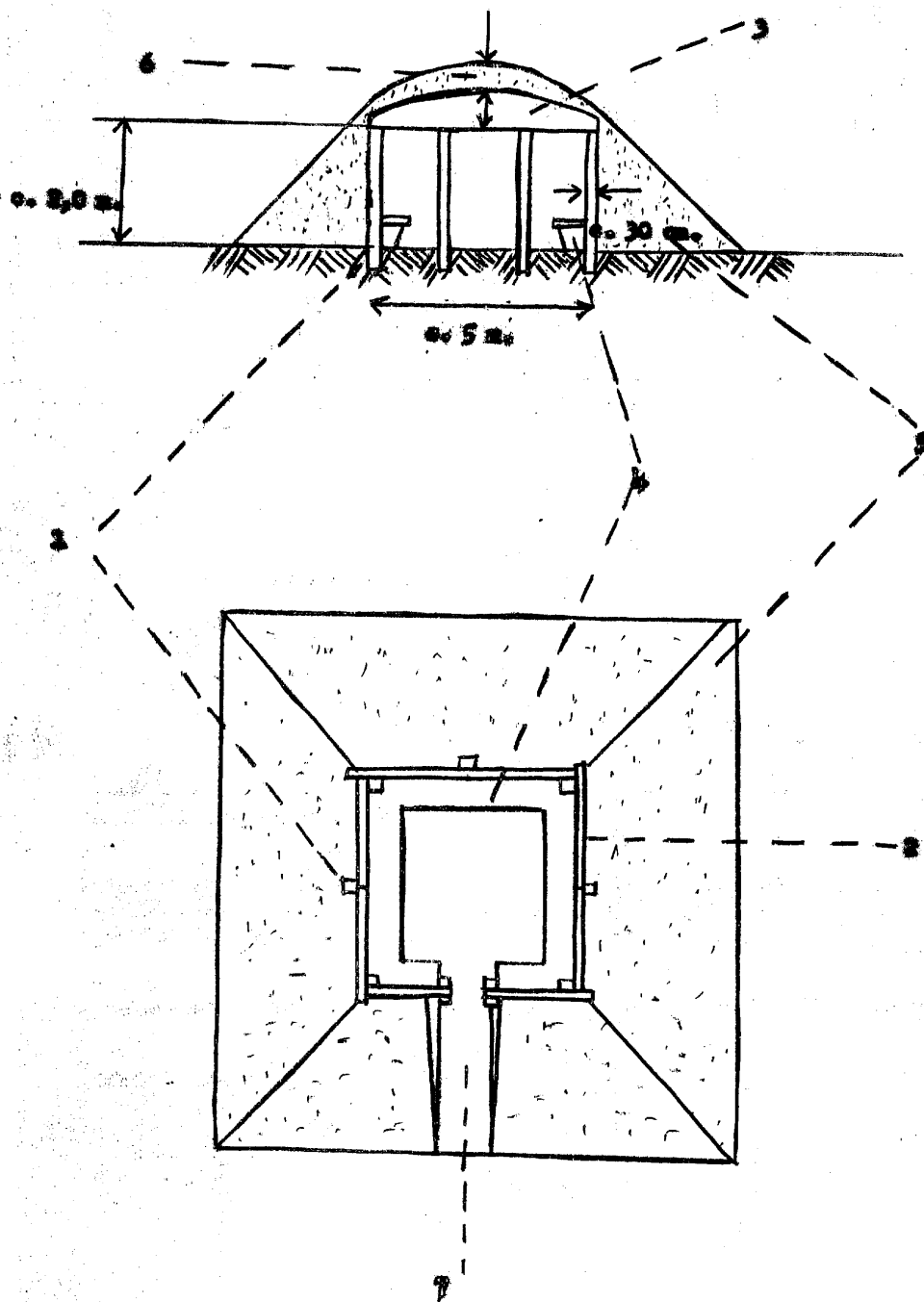
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Annex
Figure No. 1

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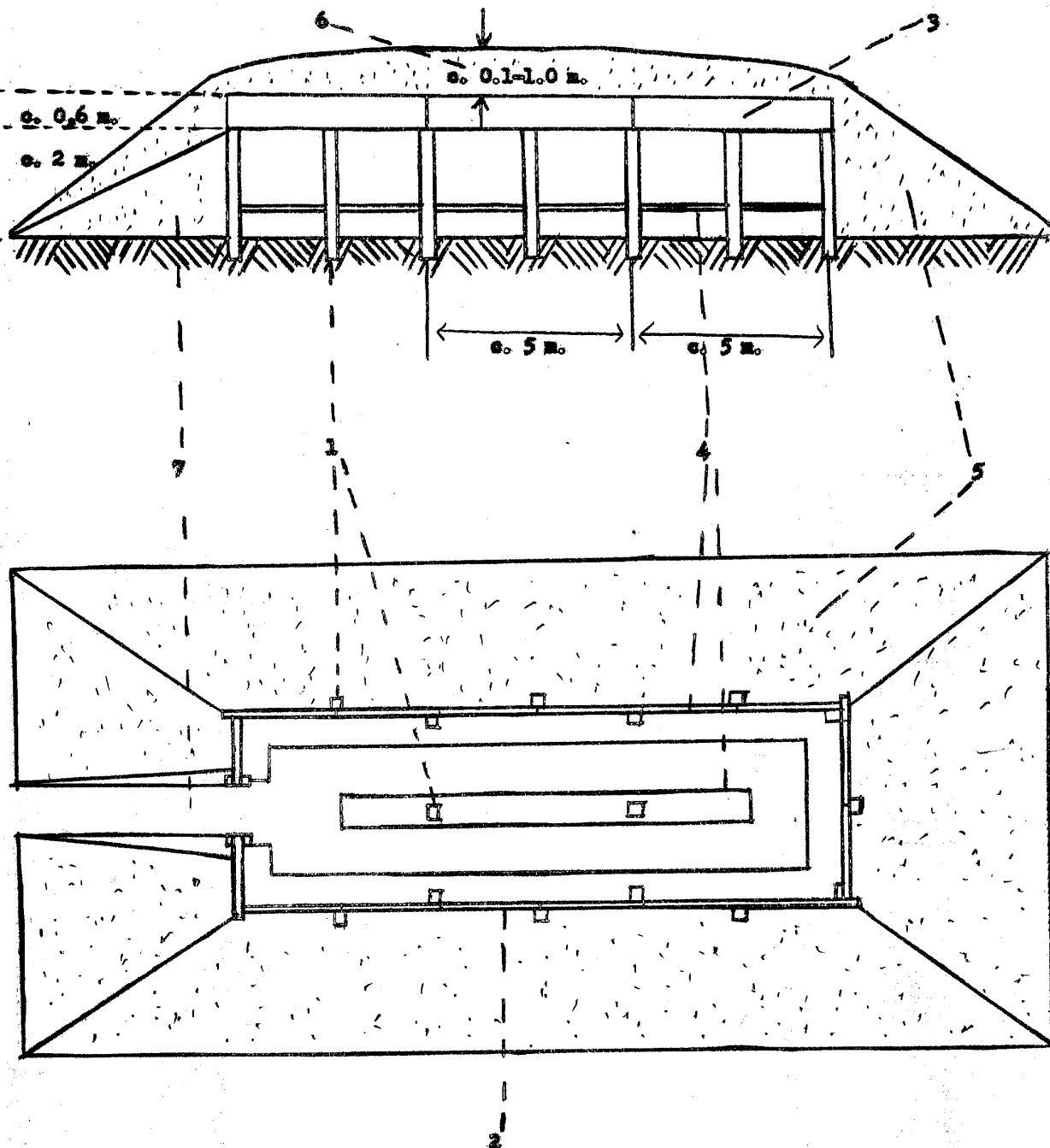
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Annex

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Figure No. 2



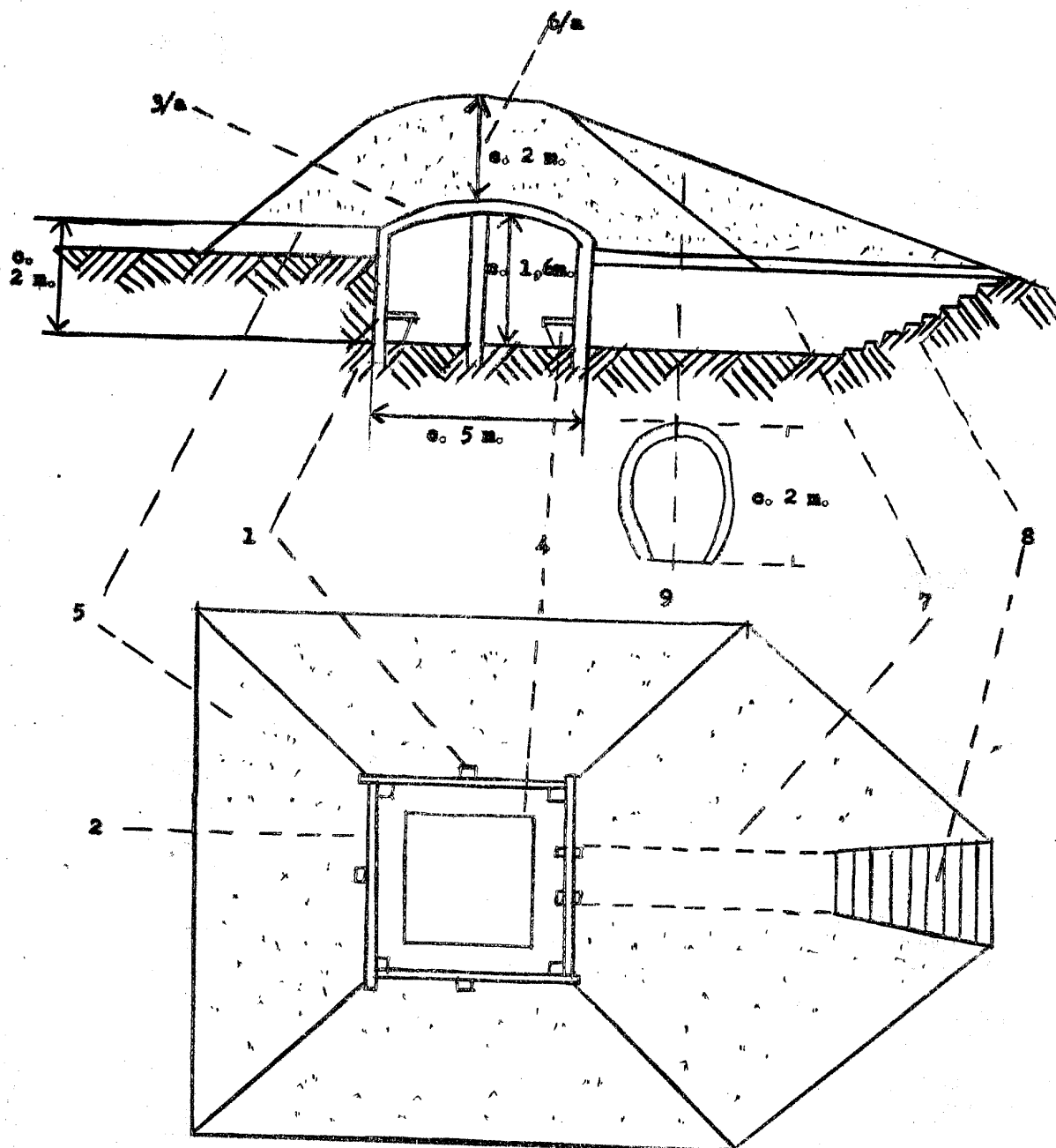
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Annex
Figure No. 3



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